L Number	Hits	Search Text	DB	Time stamp
-	37713	zener adj diode	USPAT;	2002/06/18
			US-PGPUB;	15:24
	ļ		EPO; JPO;	
	İ		IBM TDB	
_	327	(minami-shinichi\$ kamigaki-yoshiaki\$	USPAT;	2003/08/29
		yasuoka-hideki\$ owada-fukuo\$).in.	US-PGPUB;	07:41
		<i></i>	EPO; JPO;	1
			IBM TDB	
	· <u>/</u> -	(zener adj diode) and ((minami-shinichi\$		2002/06/18
	1	kamigaki-yoshiaki\$ yasuoka-hideki\$	US-PGPUB;	15:20
		owada-fukuo\$).in.)	EPO; JPO;	
		owada Lakaoy, Liii,	IBM TDB	
_	4	(zener ) and ((minami-shinichi\$	USPAT;	2002/06/18
	1	kamigaki-yoshiaki\$ yasuoka-hideki\$	US-PGPUB;	15:20
		owada-fukuo\$).in.)	EPO; JPO;	13.20
		Owada-Idkdosj.III.)	IBM TDB	
	35	(breakdown ) and ((minami-shinichi\$	USPAT;	2002/06/18
_	33		US-PGPUB;	15:21
		kamigaki-yoshiaki\$ yasuoka-hideki\$		15:21
		owada-fukuo\$).in.)	EPO; JPO;	]
		(057/606)	IBM_TDB	2002/06/10
_	91	(257/606).CCLS.	USPAT;	2002/06/18
			US-PGPUB;	17:51
			EPO; JPO;	
	İ		IBM_TDB	10000100100
-	7	4999683.URPN.	USPAT	2002/06/18
	1			15:34
-	7	("4071852"   "4271445"   "4323909"	USPAT	2002/06/18
	1	"4451839"   "4607274"   "4797720"		15:35
	1	"4807011").PN.		
_	3	4646114.URPN.	USPAT	2002/06/18
				16:31
_	4	4441114.URPN.	USPAT	2002/06/18
				16:37
	14	("3483441"   "3534231"   "3584266"	USPAT	2002/06/18
		"3663874"   "3745424"   "3881179"		16:37
		"3886579"   "4079402"   "4127932"		
		"4136349"   "4142200"   "4153904"		
		"4326211"   "4377816").PN.		
_	Δ	4224631.URPN.	USPAT	2002/06/18
				17:27
i <b>-</b>	3	("4051504"   "4079402"   "4127859").PN.	USPAT	2002/06/18
ı		1 1015101   1015101   1121005   11111		17:28
_	2	3723832.URPN.	USPAT	2002/06/18
ı	1	J. 25052. ONLIN.		17:29
	153	(257/605).CCLS.	USPAT;	2002/06/18
-	133	(207/000).0000.	US-PGPUB;	17:51
			EPO; JPO;	1-7:01
	]		IBM TDB	
	0.1	(257/606) CCTS	USPAT;	2002/06/18
_	91	(257/606).CCLS.	US-PGPUB;	17:52
	i			11.54
				1
			EPO; JPO;	
		(057/604) 777	IBM_TDB	2002/26/10
_	105	(257/604).CCLS.	IBM_TDB USPAT;	2002/06/18
-	105	(257/604).CCLS.	IBM_TDB USPAT; US-PGPUB;	2002/06/18 17:52
-	105	(257/604).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	
-	1 1		IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB	17:52
-	105	(257/604).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT;	17:52 2002/06/18
-	1 1		IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB;	17:52
-	1 1		IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	17:52 2002/06/18
-	1 1	(257/603).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB	17:52 2002/06/18 17:52
-	1 1		IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	17:52 2002/06/18 17:52 2002/06/18
-	362	(257/603).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB	17:52 2002/06/18 17:52
-	362	(257/603).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT;	17:52 2002/06/18 17:52 2002/06/18
-	362	(257/603).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	17:52 2002/06/18 17:52 2002/06/18
-	362	(257/603).CCLS.  ((257/605).CCLS.) not ((257/606).CCLS.)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB	17:52 2002/06/18 17:52 2002/06/18 18:26
-	362	(257/603).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	17:52 2002/06/18 17:52 2002/06/18 18:26 2002/06/18
-	362 142 3	(257/603).CCLS. ((257/605).CCLS.) not ((257/606).CCLS.) 4171528.URPN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB	17:52 2002/06/18 17:52 2002/06/18 18:26 2002/06/18 18:04
-	362	(257/603).CCLS.  ((257/605).CCLS.) not ((257/606).CCLS.)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB	17:52 2002/06/18 17:52 2002/06/18 18:26 2002/06/18 18:04 2002/06/18
- -	362 142 3	(257/603).CCLS. ((257/605).CCLS.) not ((257/606).CCLS.) 4171528.URPN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM_TDB	17:52 2002/06/18 17:52 2002/06/18 18:26 2002/06/18 18:04

Search History

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	·			
-	514	(SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$	USPAT;	2002/06/18
		TERASAWA-MASAAKI\$ KAMIGAKI-YOSHIAKI\$).in.	US-PGPUB;	18:10
			EPO; JPO;	
	50700		IBM_TDB	2002/06/10
-	50709	zener avalanche	USPAT;	2002/06/18 18:10
			US-PGPUB;	18:10
			EPO; JPO; IBM TDB	
	24	(((SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$	USPAT;	2002/06/18
-	24	TERASAWA-MASAAKI\$ KAMIGAKI-YOSHIAKI\$).in.	US-PGPUB;	18:11
	:	) and (zener-avalanche) - not ((zener-)	-EPO; JPO;	
-		and ((minami-shinichi\$ kamigaki-yoshiaki\$	IBM TDB	
		yasuoka-hideki\$ owada-fukuo\$).in.))	1511_155	
_	103	((257/604).CCLS.) not ((257/605).CCLS.)	USPAT;	2002/06/18
	100	not ((257/606).CCLS.)	US-PGPUB;	18:31
		1100 ((201) 000) 000	EPO; JPO;	
1			IBM TDB	
_	325	((257/603).CCLS.) not ((257/604).CCLS.)	USPAT;	2002/06/20
		not ((257/605).CCLS.) not	US-PGPUB;	07:10
		((257/606).CCLS.)	EPO; JPO;	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	IBM TDB	
_	661	((257/603) or (257/604) or (257/605) or	USPAT;	2002/06/20
		(257/606)).CCLS.	US-PGPUB;	07:10
			EPO; JPO;	
			IBM_TDB	
_	182	(257/361).CCLS.	USPAT;	2002/06/20
			US-PGPUB;	07:11
			EPO; JPO;	
ļ			IBM_TDB	
-	356	(257/362).CCLS.	USPAT;	2002/06/20
			US-PGPUB;	07:11
			EPO; JPO;	
			IBM_TDB	
-	181	((257/361).CCLS.) not (((257/603) or	USPAT;	2002/06/20
		(257/604) or (257/605) or	US-PGPUB;	07:26
		(257/606)).CCLS.)	EPO; JPO;	
			IBM_TDB	
-	270	((257/362).CCLS.) not ((257/361).CCLS.)	USPAT;	2002/06/20
		not (((257/603) or (257/604) or (257/605)	US-PGPUB;	07:35
		or (257/606)).CCLS.)	EPO; JPO;	
		1000 (000) 500	IBM_TDB	0000/05/00
-	332	(257/363).CCLS.	USPAT;	2002/06/20
			US-PGPUB;	07:35
			EPO; JPO;	
	250	//257/262\ CCTC \ ==+ //257/262\ CCTC \	IBM_TDB USPAT;	2002/06/20
_	252	((257/363).CCLS.) not ((257/362).CCLS.) not ((257/361).CCLS.) not (((257/603) or	USPAT; US-PGPUB;	2002/06/20 07:58
	1	(257/604) or (257/605) or	EPO; JPO;	01.30
		(257/604) OF (257/603) OF	IBM TDB	
1_	211		USPAT;	2002/06/20
	211	buried)	US-PGPUB;	07:58
			EPO; JPO;	- /
			IBM TDB	
_	294	zener same (subsurface sub-surface	USPAT;	2002/06/20
	""	buried)	US-PGPUB;	07:58
		· · ·	EPO; JPO;	
			IBM TDB	
_	12	("3488527"   "3566213"   "3571630"	USPAT	2002/06/20
		"3758831"   "4398142"   "4405932"		08:06
		"4456918"   "4495694"   "4683483"		
		"4689651"   "4734752"   "4948745").PN.		
_	0	5929503.URPN.	USPAT	2002/06/20
				08:07
-	4	4441114.URPN.	USPAT	2002/06/20
				08:22
-	14	("3483441"   "3534231"   "3584266"	USPAT	2002/06/20
		"3663874"   "3745424"   "3881179"		08:23
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		"4136349"   "4142200"   "4153904"		
	1	"4326211"   "4377816").PN.		0000/05/00
-	18	3881179.URPN.	USPAT	2002/06/20
L	J	<u> </u>	L	09:14

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_	9	4393575.URPN.	USPAT	2002/06/20 09:20
-	27	((SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$	USPAT;	2002/06/20
		TERASAWA-MASAAKI\$ KAMIGAKI-YOSHIAKI\$).in. ) and (zener avalanche)	US-PGPUB; EPO; JPO;	10:36
			IBM_TDB	
-	317	(minami-shinichi\$ kamigaki-yoshiaki\$	USPAT;	2003/04/05
		yasuoka-hideki\$ owada-fukuo\$).in.	US-PGPÜB; EPO; JPO;	13:48
		<u>_</u>	IBM_TDB	
-	1	zener and clamp\$	USPAT; US-PGPUB;	2003/04/05 12:13
			EPO; JPO;	12.13
		and (alama alamaina)	IBM_TDB USPAT;	2002/04/05
-	6648	zener and (clamp clamping)	US-PGPUB;	2003/04/05
			EPO; JPO;	
_	2284	   zener with (clamp clamping)	IBM_TDB USPAT;	2003/04/05
_	2204	Zener with (Clamp Clamping)	US-PGPUB;	12:13
			EPO; JPO;	
_	3041	   zener same (clamp clamping)	IBM_TDB USPAT;	2003/04/05
			US-PGPUB;	12:14
			EPO; JPO; IBM TDB	
_	201	zener and (clamp clamping) and buried	USPAT;	2003/04/05
			US-PGPUB;	12:15
			EPO; JPO; IBM TDB	
-	142	zener SAME buried and (series serially)	USPĀT;	2003/04/05
			US-PGPUB; EPO; JPO;	12:17
			IBM TDB	
-	47	zener SAME buried same (series serially)	USPAT;	2003/08/31
			US-PGPUB; EPO; JPO;	07:29
			IBM_TDB	
_	14528	zener SAME (series serially)	USPAT; US-PGPUB;	2003/04/05 12:51
			EPO; JPO;	
j	9124	zener SAME (series serially) near3	IBM_TDB USPAT;	2003/04/05
	7124	(connected connection)	US-PGPUB;	13:56
			EPO; JPO;	
_	6031	zener with (series serially) near3	IBM_TDB USPAT;	2003/04/05
		(connected connection)	US-PGPUB;	13:37
			EPO; JPO; IBM TDB	
-	5915	zener adj diode with (series serially)	USPĀT;	2003/04/05
		near3 (connected connection)	US-PGPUB; EPO; JPO;	13:31
			IBM_TDB	
-	1016		USPĀT;	2003/04/05
		near3 (connected connection) and (clamp clamping)	US-PGPUB; EPO; JPO;	13:32
			IBM_TDB	
-	1	(zener with (series serially) near3 (connected connection)) and 257/606.icls.	USPAT; US-PGPUB;	2003/04/05 13:39
		de la confección, and 207,000.1015.	EPO; JPO;	
_	11	(zener with (series serially) near3	IBM_TDB USPAT;	2003/04/05
_	'''	(connected connection)) and 257/603.icls.	US-PGPUB;	13:43
			EPO; JPO;	
_	1	(zener with (series serially) near3	IBM_TDB USPAT;	2003/04/05
		(connected connection)) and 257/605.icls.	US-PGPUB;	13:43
			EPO; JPO; IBM TDB	
L	I	<u> </u>	I TOM TOB	

_	1	(zener with (series serially) near3 (connected connection)) and 257/604.icls.	USPAT; US-PGPUB; EPO; JPO;	2003/04/05 13:43
-	1	(SUGAWARA-TAKESHI\$ and FURUSAWA-KAZUNORI\$ and TERASAWA-MASAAKI\$ and KAMIGAKI-YOSHIAKi\$).in.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/04/05 13:50
_	o	63066974.URPN.	IBM_TDB USPAT	2003/04/05
	27	(SUGAWARA-TAKESHI\$ FURUSAWA-KAZUNORI\$ TERASAWA-MASAAKI\$ KAMIGAKI-YOSHIAKi\$).in.and zener	USPAT; US-PGPUB; EPO; JPO;	13:49 -2003/04/05 -13:50
_	o	20010013611.URPN.	IBM_TDB USPAT	2003/04/05
-	1463	<pre>(zener SAME (series serially) near3 (connected connection)) and (flash eprom eeprom memory)</pre>	USPAT; US-PGPUB; EPO; JPO;	13:53 2003/04/05 13:57
_	938	(zener with (series serially) near3 (connected connection)) and (flash eprom eeprom memory)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/04/05 13:56
-	790	(second plural) near5 zener SAME (series serially) near3 (connected connection)	USPAT; US-PGPUB; EPO; JPO;	2003/04/05 13:57
-	101	((second plural) near5 zener SAME (series serially) near3 (connected connection)) and (flash eprom eeprom memory)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/04/05 14:19
_	2	((second plural) near5 zener SAME (series serially) near3 (connected connection)) and (flash eprom eeprom memory) and second near5 well	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/04/05 14:20
_	329		USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/29 07:43
_	4	(minami-shinichi\$ kamigaki-yoshiaki\$ yasuoka-hideki\$ owada-fukuo\$).in. and zener	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/29 09:10
_	2287	constant adj voltage near5 circuit and zener	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/29 09:10
-	446	constant adj voltage near5 circuit and zener adj diodes!	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/29 09:12
_	0	constant adj voltage near5 circuit and zener adj diodes! SAME common near3 well	USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/29 09:47
-	0	constant adj voltage near5 circuit and zener adj diodes! SAME scatter\$	USPĀT; US-PGPUB; EPO; JPO;	2003/08/29 09:13
_	0	constant adj voltage near5 circuit and zener SAME common near3 well	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/08/29 09:13
-	201	constant adj voltage near5 circuit and zener SAME well	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/08/29 09:19
_	322946	(("257") or ("438")).CLAS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; IBM TDB	2003/08/29 09:19

				_
-	56	(constant adj voltage near5 circuit and	USPAT;	2003/08/29
		zener) and ((("257") or ("438")).CLAS.)	US-PGPUB;	09:19
1			EPO; JPO;	
			IBM TDB	
_	0	20010013611.URPN.	USPĀT	2003/08/29
	•		_	09:26
l _	4	zener adj diodes! SAME common near3 well	USPAT;	2003/08/29
	•	Zener daj drodes. Simb common nedro were	US-PGPUB;	09:55
			EPO; JPO;	03.00
			IBM TDB	
	29	zener adj diode SAME common near3 well		2003/-08/-29
-	29	zener adj diode SAME common hears well	US-PGPUB;	10:16
				10:16
			EPO; JPO;	
}			IBM_TDB	
-	99	(257/606).CCLS.	USPAT;	2003/08/29
			US-PGPUB;	10:01
1			EPO; JPO;	
			IBM_TDB	
-	4	5298788.URPN.	USPAT	2003/08/29
				10:08
-	7	("4276556"   "4319257"   "4441114"	USPAT	2003/08/29
	·	"4758872"   "4766469"   "4910160"		10:09
	1	"5027165").PN.		
1_	9165	zener adj diode with series	USPAT;	2003/08/29
-	9103	Zener day aroae wrom Serres	US-PGPUB;	10:16
			EPO; JPO;	
]		///!257!!\ /!!420!!\\ GTRG \ /	IBM_TDB USPAT;	2003/08/29
-	321	((("257") or ("438")).CLAS.) and (zener	· ·	1
1		adj diode with series)	US-PGPUB;	11:04
1			EPO; JPO;	
			IBM_TDB	/
-	4	("5347147"   "5914501"   "5959307"	USPAT	2003/08/29
•		"6054716").PN.	1	10:38
[ -	7	5401996.URPN.	USPAT	2003/08/31
				06:03
_	14	("3934159"   "4037140"   "4161741"	USPAT	2003/08/31
	· - ·	"4580063"   "4626882"   "4829350"		06:03
	1	"4858055"   "4893158"   "5005061"	1	
		"5023692"   "5119153"   "5135880"	1	
		"5136349"   "5162966").PN.		
_	7	5027165.URPN.	USPAT	2003/08/31
	1 '	002 / 100 · 01/1 M ·		06:10
1_		("4071852"   "4646114"   "4677369"	USPAT	2003/08/31
-	4	("4071652   4646114   4677369   "4766469").PN.	33171	06:12
		1	USPAT	2003/08/31
-	4	4646114.URPN.	USPAI	06:13
	_	47.40500	IIGDAE	
-	6	4748533.URPN.	USPAT	2003/08/31
	}			06:15
-	6	("3573550"   "4271445"   "4323942"	USPAT	2003/08/31
		"4400711"   "4573099"   "4651251").PN.	İ	06:16
-	197	zener with buried	USPAT;	2003/08/31
			US-PGPUB;	07:41
			EPO; JPO;	
	İ		IBM_TDB	[
	5	("5241213"   "5643820"   "5760450"	USPAT	2003/08/31
		"5770886"   "6207484").PN.		07:32
_	1	ł	USPAT	2003/08/31
	1			07:33
1_	0	("4,398,1424,652,895").PN.	USPAT;	2003/08/31
1	1	( 1,550,1424,052,095 ).FN.	US-PGPUB;	07:41
			1 '	'' '
			EPO; JPO;	
		/# 4 000 1404 (FO 005#) Total	IBM_TDB	2002/02/21
-	0	("4,398,1424,652,895").PN.	USPAT;	2003/08/31
			US-PGPUB;	07:41
	1		EPO; JPO;	1
			IBM_TDB	1
-	2	(("4,398,142") or ("4,652,895")).PN.	USPAT;	2003/08/31
			US-PGPUB;	08:21
			EPO; JPO;	1
			IBM TDB	
-	9	4652895.URPN.	USPAT	2003/08/31
				07:42
	1	<u> </u>	L	<del></del>

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-	8	4398142.URPN.	USPAT	2003/08/31 07:43
_	5	4870467.URPN.	USPAT	2003/08/31 07:47
_	2	5756387.URPN.	USPAT	2003/08/31
_	11	("4079402"   "4106048"   "4127859"	USPAT	07:49   2003/08/31
		"4203781"   "4213806"   "4473941"   "4683483"   "4742021"   "4870467"   "5475245"   "5545914").PN.		07:49
	15	4106048.URPN.	USPAT	-2003/08/31 07:51
_	7	4766469.URPN.	USPAT	2003/08/31 07:55
-	7	("4276556"   "4319257"   "4441114"   "4758872"   "4766469"   "4910160"   "5027165").PN.	USPAT	2003/08/31 07:56
-	7	5027165.URPN.	USPAT	2003/08/31 07:57
-	4	4441114.URPN.	USPAT	2003/08/31 08:00
-	4	4646114.URPN.	USPAT	2003/08/31 08:01
-	7	("3403306"   "4079402"   "4136349"   "4224631"   "4313083"   "4315209"   "4441114").PN.	USPAT	2003/08/31 08:01
-	5	4224631.URPN.	USPAT	2003/08/31 08:02
-	3	("4051504"   "4079402"   "4127859").PN.	USPAT	2003/08/31
-	0	5583367.URPN.	USPAT	2003/08/31
-	7	("4549088"   "4673964"   "4780625"   "4782375"   "4929993"   "4987467"   "5095349").PN.	USPAT	2003/08/31 08:10
-	1	("4,213,806").PN.	USPAT; US-PGPUB; EPO; JPO;	2003/08/31 08:21
-	16	4213806.URPN.	IBM_TDB USPAT	2003/08/31
-	6	   ("3378915"   "3765961"   "3881179"     "3886001"   "4099998"   "4136349").PN.	USPAT	2003/08/31
_	7	"3886001"   "4099998"   "4136349").PN.   ("3829717"   "3916508"   "4213806"     "4260946"   "4313083"   "4477737"     "4562400").PN.	USPAT	2003/08/31 08:25
_	19	4677369.URPN.	USPAT	2003/08/31
_	22	4590664.URPN.	USPAT	2003/08/31 08:30